

01–025 Measuring oil consumption

Special tools

Oil dipstick with millimeter scale



115 589 15 21 00

Valve for interrupting oil return flow
from air-oil cooler



110 589 00 91 00

Telethermometer



116 589 27 21 00

Note

The oil consumption can be measured by means of oil dipstick with millimeter scale and the pertinent diagram on back of data sheet.

Since there are two oil dipsticks and different data sheets, the following instructions should be observed:

On this engine use only oil dipstick, part no.
115 589 15 21 00 (red handle).

Data sheet

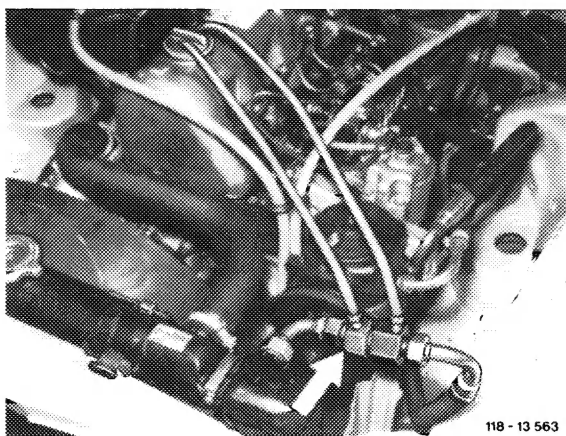
German/English, print no. 800.99.402.00 B
French/Spanish, print no. 800.99.402.01 B

The sequence for measuring consumption is described on front page of data sheet.

To avoid faulty measuring, check engine oil for dilution by fuel prior to measuring consumption.

To prevent any return flow of oil from air-oil cooler while measuring, install check valve between air-oil cooler and upper oil hose.

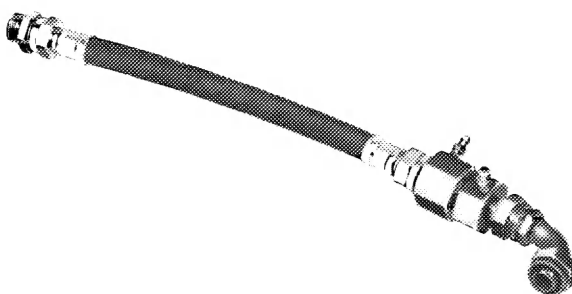
If the check valves cannot be installed due to insufficient space, mount check valves with pipe elbow and connecting line.



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Bleed air-oil cooler prior to measuring consumption.

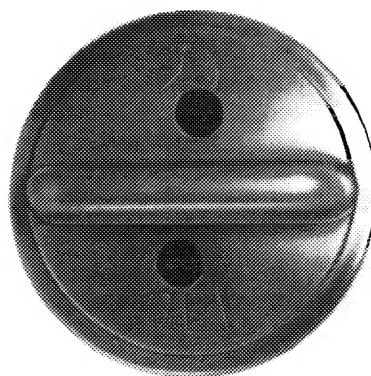
For this purpose, plug 2 transparent plastic hoses on bleed screws located on check valve. Remove oil filler hole plug on cylinder head cover and insert both hoses into filler hole.



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Attention!

To prevent oil ejections it is recommended to use an oil filler plug with two bores (OD of hoses).



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